



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Governor

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355 West North Temple  
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Salt Lake City, Utah 84180-1203  
801-538-5340

August 5, 1991

Mr. Ken Kluksdahl  
Mine Manager  
Tenneco Minerals Company  
P. O. Box 2650  
St. George, Utah 84770

*Ken*

Dear Mr. Kluksdahl:

Re: Final Approval, Permit Revision, Heap Leach Expansion, Goldstrike Mine,  
M/053/005, Washington County, Utah

The Division has completed its review of your July 19, 1991 response to our July 8, 1991 conditional approval of Tenneco's Heap Leach Expansion permit revision for the Goldstrike Mine. All of our technical concerns have now been adequately addressed. Tenneco is hereby granted final Division approval to proceed with project construction as outlined in the approved permit revision. The final design drawings and associated plans for construction, operation and maintenance of the heap leach pad extension, must be provided to the Division for inclusion into the approved permit application for the Goldstrike Mine, following approval by the Department of Environmental Quality, Division of Water Quality.

Pursuant to recent discussions between our technical staff (Holland Shepherd) and your consultant (JBR), we will separate our comments regarding the construction of the emergency process solution storage ponds and the sediment pond reconstruction from this review document. The emergency storage ponds and the sediment pond reconstruction will need to be formally approved by the Division as an amendment to the Goldstrike permit. As-built designs, maintenance, monitoring and wildlife protection plans for the emergency storage ponds will need to be included as part of the permit amendment application. The Division anticipates receipt of these plans from Tenneco within the next 60 days (by October 7, 1991).



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We have received a copy of Tenneco's conceptual plan to reconstruct/line the sediment pond. This plan is still under staff review. Please contact me, or D. Wayne Hedberg if you have questions or concerns regarding the content of this letter. Thank you for your continued cooperation and patience in completing this permitting action.

Sincerely,



Lowell P. Braxton  
Associate Director, Mining

jb

cc: Don Ostler, DWQ  
Debra Pietrzak, BLM  
Paul Carter, BLM  
Elliott Lips, JBR  
Minerals Staff

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